



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE
IN PLANT ECOLOGY**

SBT 510: EUTROPHICATION AND POLLUTION

DATE: APRIL 9, 2018

TIME: 2:00 – 5:00 PM

INSTRUCTIONS:

Answer ANY FOUR Questions

QUESTION ONE (25 MARKS)

Discuss the environmental and ecological impacts of pollution.

QUESTION TWO (25 MARKS)

Explain the challenges and opportunities of water pollution management across the globe

QUESTION THREE (25 MARKS)

Discuss with examples the role of ecological factors in bioaccumulation of organochlorine in tropical aquatic environments

QUESTION FOUR (25 MARKS)

Describe the process of sewage accumulation and self-purification of streams

QUESTION FIVE (25 MARKS)

“Eutrophication and pollution of water bodies could be the main setback to the Kenya government transformation agenda”. Discuss the statement.

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